

T Level in Design, Surveying and Planning for Construction (Civil Engineering)

Ofsted Outstanding Provider

Course Level: Level 3 | **Campus: Stafford** | **Subject Type: Construction & Engineering**

Course Overview:

Explore the vital aspects of design, surveying and planning in construction.

Gain practical knowledge in project management, budgeting, and procurement strategies. Understand the science behind building design, surveying techniques, and construction methodologies. Develop critical thinking skills to tackle industry challenges, all while considering sustainability and environmental impact. Prepare for a rewarding career shaping the built environment and driving positive change in the construction industry.

What's Covered:

The world of construction is fast-paced and ever changing with an array of exciting opportunities available for aspiring careers in construction. Studying this pathway aims to develop your understanding of construction disciplines and you will have the opportunity to working directly within the construction industry on your work placement over the course of the programme.

Over the 2 years students will develop a general understanding of construction, including: health and safety, the science behind building design, surveying and planning, making accurate and appropriate measurements, construction methods, building regulations and standards, data management and information standards in construction, relationship management and customer service. How the Internet of Things (IoT) impacts construction, digital engineering techniques, mathematical techniques to solve construction problem, construction design principles and processes, the construction industry and its role in the economy, sustainability and the environmental impact of construction, business, commerce and corporate social responsibility. Then further specific topics to design, surveying and planning, including project management, budgeting and resource allocation, procurement and risk management. Year 2 – students will have the option to further their knowledge with an occupational specialism in either building services design or surveying and design for construction.

As part of your studies, you will be expected to undertake a work placement to enhance and develop not only your education of the industry, but also to gain valuable industrial training with your employer placement. This work placement opportunity can be achieved using a range of options, and is subject to the employer's requirements. The placement can be achieved using a block placement or day release. Employers are keen to engage and train students in construction due to the skills gaps in the industry.

You will continue with your work placement alongside your studies by enhancing the theoretical knowledge learnt in the classroom and applying this to the practical environment in the world of work, gaining skills along the way to support with your future career aspirations.

Excellent

pass rate

75%

achieved Merit or above in 2026

Entry Requirements:

As a condition of being offered a place on this course, you would be expected to meet the following entry requirements:

- Submit a school report showing your attendance, behaviour and effort details
- Attend the Department Experience Day in June 2027
- Complete a summer assignment which will be set on Experience Day in June 2027
- You will need to achieve/have achieved 5 GCSEs at grade 5 or above including Maths and English Language

Assessment Information:

You will be assessed through a combination of core exams (Year 1), externally assessed coursework (Year 2), work based observations (throughout the 2 years) and an employer project set project at the end of Year 1.

Fees and Financial Support:

This course is free for anyone aged 16 – 18.

College Maintenance Allowance (CMA):

Anyone with a gross household income under £35,000 can receive financial support to cover college related costs such as transport, meals, course equipment and uniform. Bursary support is based on individual circumstances and will be allocated to best suit your individual needs. A range of other financial support is available depending on your personal circumstances. For more details visit nscg.ac.uk/finance

Progression:

This course will prepare you for a career in construction, design and surveying. Upon successful completion of the course, you may consider a career as a civil engineering technician, building control officer, building technician, technical surveyor and planning assistant. Or to continue studying for a Higher Technical qualifications at Level 4 and 5, Higher Apprenticeships or degrees up to Level 6.

How do I find out more?

If you wish to find out more you can call the Admin Office on 01785 275535 or email GE2admin@nscg.ac.uk.